SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Centre for Lean And Six Sigma (CLASS) **Established in March 2018**



Commitment – Competence – Continuance

Vision

To optimise the current learning methodology with industrial support and provide more practical exposure to deliver quality engineers to the market.

Mission

To collaborate with the industry leaders and help the students to gain hands-on experience by providing them an opportunity to learn about the ongoing practices in the industry.

About CLASS:

Inaugurated by Mr. R Nandakumar and approved by Prof. C. Muthamizhchelvan on 09 March 2018. CLASS is supported by MSME Technology Development Centre, Agra.

What we offer:

- ✓ Six Sigma Certifications
- ✓ Interactions with industrial experts
- ✓ Exposure to real time industrial scenario
- ✓ Industrial Visits
- ✓ Short-Term and Long-Term Internships for students and faculty
- ✓ Support in Job Search

Achievements:

- ✓ 250 Six Sigma Green Belt Professionals in 9 batches
- ✓ 12 Six Sigma Black Belt Professionals
- ✓ 50+ Internship offers in Caterpillar, Ashok Leyland, Ford India, Toyota, RANE TRW Steering Systems, RANE Engine Valves, Yamaha Motors India, Butterfly Home Appliances, VPG Sensors, Sundaram Motors, GTRE, Liason Inc....
- 25+ industrial experts had interactions with Six Sigma Professionals

Mentors:



Dr. R Panneerselvam Prinicpal Director, MSME TDC. Agra



Mr. R Nandakumar Founder, **POSI**



Mr. N Palani Quality Head, **NEXTEER**



Mr. J Jayabalan CEO & Founder, **PQLS**

Want to be industry ready graduates... Join as members in CLASS.... For further details contact the office bearers or email to class@srmist.edu.in



Faculty Coordinator IV yr Coordinator +91 988 421 4710



Dr. E Vijayaragavan Mr. Bedaditya Barat +91 90736 63833



Mr. Vignesh S III yr Coordinator +91 9488774759



Mr. Harshit Jain II yr Coordinator +91 79821 83642









SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Centre for Lean And Six Sigma (CLASS)

Directorate of Alumni Affairs

Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL)

Jointly organizes

Lean Six Sigma Green Belt Certification

22 to 27 August 2022

Venue: SRMIST, Kattankulathur

М D Define Analyze **Improve** Control

Problems & Objective

What do we need to improve?

Process & Factors of

Implement improvement Assure that improvement

Module 1

- Lean & six sigma definition
- Basic Statisites
- Types of Data
- What is Process?
- How to Improve the Process?
- Variation in a process
- Specification & control limits
- Graphical tools for measuring variation
- What is Sigma level & Six Sigma?
- Roles & responsibilities
- Six sigma Methodology
- Minitab Exercise
- Using Sigma level calculator

Module 2

- Approaches for Project identification
- Understanding of PrimaryCTQ
- Criteria for selecting a six sigma project
- How to find the Project duration?
- Project Charter & their elements
- SIPOC Diagram
- MSA -Study for Attribute data
- Sigma level calculation for continuous data
- Sigma level calculation for Defect, Defective data
- What is Yield- FTY &RTY
- Process capability Cp & Cpk

Module 3

- Problem solving tools
- **FMEA**
- Hypothesis testing
- Correlation & Regression
- Generating & Evaluating the solution
- Mistake Proofing
- Control Chart: X bar R bar chart
- p chart, np chart, C chart & U chart
- Control Plan

Fees Rs. 5000/- (Five Thousand only) Register at https://tinyurl.com/LSSGB-SRMIST

For queries contact:

Dr. E Vijayaragavan

Coordinator – Centre for Lean And Sigma (CLASS) +91 988 421 4710 class@srmist.edu.in



Target Participants: Students, Research Scholars, Working **Professionals, Faculty** and Job seekers









SRM Institute of Science and Technology Kattankulathur 603 203.

MSME Technology Centre Indore

in association with

Centre for Lean And Six Sigma (CLASS)

Organizes a physical

Professional Development Programme (PDP) on

PROJECT MANAGEMENT

11 to 16 July 2022

Session 1: 09:00 to 10:30 AM | Session 2: 11:00 to 12:30 PM | Session 3: 02:00 to 03:30 PM



Supported by Directorate of Alumni Affairs



Coordinators:

Dr. E Vijayaragavan - 988 421 4710 Dr. S K Manivannan - 954 328 3292

Register at https://tinyurl.com/PDPonPM







SRM INSTITUTE OF SCIENCE AND TECHNOLOGY



In association with

Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL) and

Centre for Lean And Six Sigma (CLASS)

Presents

Certification Programme on 5S @ Workplace

14 June 2022 (Tuesday), 09:00 AM to 01:00 PM



Free Registration

Register at https://tinyurl.com/5SatSRM



Coordinators

Dr. E Vijayaragavan Coordinator – CLASS

Dr. V ThirumuruganAssociate Director – Campus Life







SRM INSTITUTE OF SCIENCE AND TECHNOLOGY **Department of Mechanical Engineering**

In association with

Directorate of Alumni Affairs

Centre for Lean And Six Sigma (CLASS)

Alumni Conclave – June 2022

What next after graduation - Placements or Higher Studies?

11 June 2022 (Saturday) 06:00 to 07:30 PM IST

Speakers



Shri. Girish Pandian

Managing Director -Ministar Engineering Private Limited, **President - Industrial Estate Manufacturers** Association IEMA, Guindy, 1997 batch https://www.linkedin.com/in/girish-pandian-3a6063201



Dr. Yagnaseni Roy

Assistant Professor, Centre for Sustainable Technologies, IISc Bengaluru, 2013 batch https://www.linkedin.com/in/yagnaseni-roy-phd-a3571471



Ms. Anushree Saxena

Manufacturing Supervisor, TSMC, USA, 2019 batch https://www.linkedin.com/in/saxena-anushree



Mr. Athary Agarwal

Research Assistant, Aalto University, Finland, 2019 batch https://www.linkedin.com/in/atharv-agarwal-73bb06131



Mr. R Shanmugasundaram

Data Analyst and ML Engineer, GoBumpr, 2019 batch.

https://www.linkedin.com/in/shanram



Join using Zoom Meeting

https://tinyurl.com/mechconclave062022

Meeting ID: 922 0282 7469 Passcode: 366966



Coordinators

Dr. A Rathinam, Director - Alumni Affairs

Dr. M Cheralathan, Professor & Head

Dr. E Vijayaragavan, Alumni Coordinator







SRM INSTITUTE OF SCIENCE AND TECHNOLOGY **Department of Mechanical Engineering**

In association with

Directorate of Alumni Affairs

Centre for Lean And Six Sigma (CLASS)

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Shri. Girish Pandian

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Dr. Yagnaseni Roy

Assistant Professor, Centre for Sustainable Technologies, IISc Bengaluru, 2013 batch https://www.linkedin.com/in/yagnaseni-roy-phd-a3571471



Ms. Anushree Saxena

Manufacturing Supervisor, TSMC, USA, 2019 batch https://www.linkedin.com/in/saxena-anushree



Mr. Athary Agarwal

Research Assistant, Aalto University, Finland, 2019 batch https://www.linkedin.com/in/atharv-agarwal-73bb06131



Mr. R Shanmugasundaram

Data Analyst and ML Engineer, GoBumpr, 2019 batch.

https://www.linkedin.com/in/shanram



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Dr. A Rathinam, Director - Alumni Affairs

Dr. M Cheralathan, Professor & Head

Dr. E Vijayaragavan, Alumni Coordinator



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING



In association with

VALEO INDIA PRIVATE LIMITED

Presents

VALEO — SRM LECTURE SERIES

Session - 05

"DESIGN OF AUTOMOTIVE COMPONENT" ROLE OF ALUMINIUM DIE CASTING IN AUTOMOTIVE DOMAIN



MR. AMUTHAN KARUNAMURTHI

Casting DfM (Metal) Expert Deputy Manager - Casting & Proto

https://www.linkedin.com/in/amuthan-karunamurthi-46701532/

Date & Time: 20 May 2022 (Friday), 10:00 to 11:30 AM

Venue: G D Naidu Hall, Mechanical "B" Block,

SRM IST, Kattankulathur 603 203.

Organized by

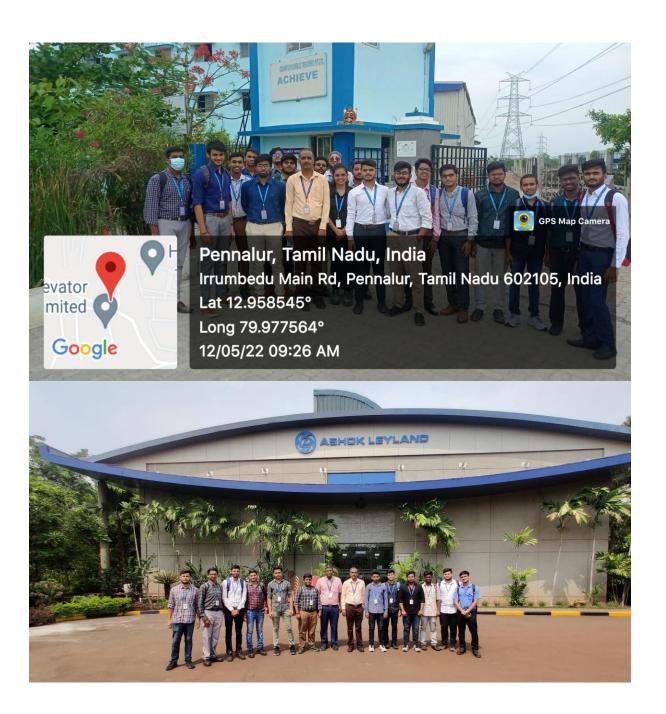
CENTRE FOR LEAN AND SIX SIGMA (CLASS)
SRM SAE COLLEGIATE CLUB

















SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Directorate of Alumni Affairs

In association with

Centre for Lean And Six Sigma (CLASS)

Department of Mechanical Engineering

Presents Alumni Talk on

"Emerging Technologies in the Techno World"

Resource Person:

Mr. MUDDUBHAI ASIF HUSSAIN

M.Tech CIM, 2020 batch

Member of All India Council for Technical Skill Development
Political Strategist & Consultant,
Trainer and Motivational Speaker
https://www.linkedin.com/in/m-asif-hussain/



All are welcome

Organizing Committee:

Dr. A Rathinam, Director - Alumni Affairs

Dr. M Cheralathan, Professor & Head - Mechanical Engineering

Dr. E Vijayaragavan, Coordinator - Alumni Association

Mr. S Balamurugan, Assistant Professor – Mechanical Engineering

Date & Time: 6 May 2022 (Friday) 02:30 to 03:30 PM

Venue:

G D Naidu Hall, Mechanical "B" Block, SRM IST, Kattankulathur 603 203.



SRM Institute of Science and Technology
Department of Mechanical Engineering



In association with

VALEO INDIA PRIVATE LIMITED

Presents

VALEO — SRM LECTURE SERIES

Session - 02

THERMAL MANAGEMENT FOR ELECTRIC VEHICLE SYSTEMS





MR. GYANA RANJAN RANA

Team Leader - CAE Valeo India Private Limited

https://www.linkedin.com/in/gyana-ranjan-rana-7a992523/

Date & Time: 19 April 2022 (Tuesday), 02:30 to 04:00 PM

Venue: G D Naidu Hall, Mechanical "B" Block, SRM IST, Kattankulathur 603 203.

Event organized by







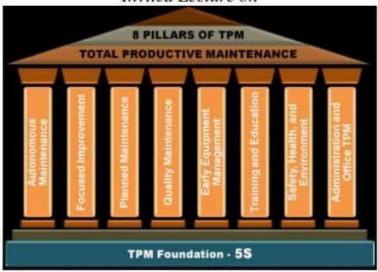
SRM SRM Institute of Science and Technology

Centre for Lean And Six Sigma (CLASS)



Department of Mechanical Engineering

Presents Invited Lecture on



"Basics of Total Productive Maintenance"

For Students, Lab In-charges, Technical Assistants, Maintenance professionals and Technicians

Resource Person: Mr. Kumar Vaidhyanathan

Retired Maintenance Manager

Brakes India Private Limited, Chennai

Date & Time 21 April 2022 (Thursday), 01:30 to 03:00 PM

Automobile Seminar Hall, Venue

Automobile Hanger,

SRM IST, Kattankulathur 603 203.

All are welcome





SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Department of Mechanical Engineering

Kattankulathur 603203

In association with

Binghamton University, USA

Invites you all for the workshop on

"Healthcare Systems Engineering"

With an insight to the applications of Operations Management, Simulation, Lean Six Sigma, Predictive
Analytics in healthcare settings

30 March 2022, 10:30 AM to 12:30 PM

Inaugural Address:

Dr. C N Srinivas

Vice President & Head of Transplantation Immunology Lab, Director Laboratory, SRL Diagnostics Chennai Head of Clinical Laboratory, FORTIS Vadapalani Hospital, Chennai.



Resource Person:

Dr. Mohammad T. Khasawneh, Ph.D.,

SUNY Distinguished Professor and Chair,
Systems Science and Industrial Engineering,
Associate Director, Watson Institute for Systems Excellence,
Director, Healthcare Systems Engineering Center,
Graduate Program Director,
Executive Master of Science in Health Systems,
Thomas J. Watson College of Engineering and Applied Science,
State University of New York at Binghamton,



Target Participants:

- Students, Research Scholars and Faculty in Engineering and Medical Sciences
- · Working Professionals

Binghamton, New York 13902.

Free Registration

Register at https://tinyurl.com/HCSE-SRMIST

For details contact:

Dr. E. Vijayaragavan,

Coordinator – Centre for Lean And Six Sigma (CLASS), Department of Mechanical Engineering SRM IST, Kattankulathur 603203, Tamil Nadu.

+919884214710, vijayare@srmist.edu.in





Venue: G D Naidu Hall, Mechanical B Block







Material Advantage Student Chapter

in collaboration with **CLASS**Presents to you

GUEST LECTURE ON TPM (TOTAL PRODUCTIVE MAINTENANCE)



Mr. Dinesh Sharma

OpEx Consultant | Performance Coach | Founder at Ek Pahla Kadam

EPK

Having 28 years of vast experience in manufacturing and service sector, conducted 500+ training programs, trained 10000+ professionals. Was part of DEMING PRIZE winning journey of SRF Limited

For more details contact:

Vinoth A -9842788830

Vijayaragavan Elumalai -9884214710 PLATFORM

zoom

13th MARCH 2022 6:00 PM IST



E-CERTIFICATES WILL BE PROVIDED



Kattankulathur 603 203.

Centre for Lean And Six Sigma (CLASS)





Offers a short course on

MATERIAL TESTING

(Destructive and Non Destructive Testing)

Date & Time : 08 January 2022 (Saturday) - 10:00 to 13:00

09 January 2022 (Sunday) - 10:00 to 13:00

10 January 2022 (Monday) - 14:00 to 16:00

Course Faculty: Dr. Pannerselvam Ramaswamy

Principal Director MSME TDC Agra (Retired)

Corporate Advisory Board Member, SRM IST.





Target Participants: Students, working professionals, faculty and researchers

Register at: https://tinyurl.com/class-materialtesting

For further details contact

Dr. E Vijayaragavan, Coordinator - CLASS, +919884214710, vijayare@srmist.edu.in









Target participants:

Faculty

Students

Researchers

Job seekers

Industry Professionals



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Kattankulathur 603203

Centre for Lean And Six Sigma (CLASS)

Department of Mechanical Engineering

In association with

MSME Technology Development Centre, Agra

Online Professional Development Programme (PDP)

Total Digital Transformation (TDT)

15th to 20th November 2021

- · Innovation through Digital Transformation
- · Industrial IoT- key tool for Digitalization
- · Development in Robotics & Intelligent Automation
- · Transformations in the Industrial domain
- · Frontier technologies for achieving Operational Excellence

- Dr. Rajkumar Swaminathan, Sr. VP - RANE Engine Valve Ltd.
- Dr. Pannerselvam Ramaswamy, Principal Director - MSME TDC
- 3. Mr. Ashok Muthuswamy, VP - TQM, TAFE
- 4. Mr. Senkathir Selvan Suriaprakasam, Bussiness Owner - TCS DigiFleet
- Mr. Sathyanarayanan Gopikarajan Sr. Project Manager Infosys
- Mr. K. Sathyanarayana VP - Frost & Sullivan
- Mr. Nanda Kumar, Founder - PQSI
- Mr. Vinothkumar Rajendran, Co-founder, i-Track Solutions & Co.





Technical Consulatnt, PQSI

10. Dr. D Kingsly Jeba Singh

Chairperson - Mechanical Engineering, SRM IST

Dr. K Duraivelu 11.

Professor - Mechanical Engineering, SRM IST



Coordinator:

Dr. E. Vijayaragavan,

Coordinator - Centre for Lean And Six Sigma (CLASS), Department of Mechanical Engineering SRM IST, Kattankulathur 603203, Tamil Nadu. +919884214710, vijayare@srmist.edu.in



















SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Centre for Lean And Six Sigma (CLASS)

in association with
Institution of Engineers (India), Kattankulathur Local Centre
Invites you for the
World Habitat Day Webinar on

"Accelerating Urban Actions for a Carbon Free World"

04 October 2021, Monday, 03:00 to 03:45 PM

Resource Person : Ms. Priya Boby

Senior Architect,

Aeiforia Architects, Noida (UP).

Register at : https://tinyurl.com/IEI-WHD



Organized by : Dr. E. Vijayaragavan

Coordinator – Centre for Lean And Six Sigma (CLASS)

SRM IST Kattankulathur

Vijayare@srmist.edu.in, +919884214710

Dr. S. Anandh

Committee Member - IEI Kattankulathur Local Centre, Assistant Professor – Civil Engineering, SRM IST

Meeting Link:

Meeting ID: 970 2416 5766 Passcode: 942682







SRM Institute of Science and Technology Department of Mechanical Engineering Centre for Lean And Six Sigma (CLASS)

In association with

Mechanical Engineering Alumni Chapter

Presents Webinar on

SAFETY SYSTEMS IN AUTOMOBILES



Meeting Details: https://tinyurl.com/CLASS-Safety



All are welcome





SRM INSTITUTE OF SCIENCE AND TECHNOLOGY CENTRE FOR LEAN AND SIX SIGMA

AND

DEPARTMENT OF MECHANICAL ENGINEERING

Webinar on

PRODUCT LIFECYCLE MANAGEMENT

6th September 2021 (11:00 AM IST)



CASSINI



Pavan Rayana Senior Product Manager



Raghuram Reddy TERA Founder & CEO



Pradeep Prabagaran SRM Alumni **Technical Support Executive**

Coordinator : Dr. E Vijoyorogovon +91-9884214710 vijayare@srmist.edu.in

Follow us @

Centre for Lean And Six Sigma (CLASS) Meeting Link:

ICAME 2022

https://tinyurl.com/class-plm







SRM Institute of Science and Technology **Centre for Lean And Six Sigma (CLASS) Department of Mechanical Engineering**





and

SRM Innovation Incubation and Entrepreneurship Centre (SIIEC) In association with

Intellectual Property Facilitation Centre (IPFC) - Chennai



Organizes an Online

Entrepreneurship Boot Camp

23 to 28 August 2021 (02:00 to 05:45 PM IST)



Topics covered

- Introduction to Entrepreneurship
- Entrepreneurial mind set
- Opportunity, Recognition and Market Validation
- Leadership and Team Building
- Design Thinking

- Value extraction and Idea execution
- Getting into market: Business designs and models
- Pitching yourself
- Growth marketing and Venture capital
- Journey based learning



Target participants

- Students
- Innovators
- Researchers

- Academicians
- Industry Professionals





E Certificates will be provided





Dr. Shantanu Patil Associate Director, IIEC Linked in



Registration fees Rs. 200 | For registration Click here or Scan

Mr. Sudhir Tiku VP BOSCH & TEDx Speaker Linked in



Dr. Ramakrishnan Ramani Senior Faculty, SoDT **Linked in**



Mr. Ramakrishnan V Design Thinker at SoDT Linked in



Dr. Panneerselvam Ramaswam Principal Director, MSME TDC Linked in



Dr. Ananth Kumar Chief Innovation Officer, IIEC Linked in



Dr. Sankara Moorthy Assistant Professor, SRMIST Linked in



Dr. Jayshree Suresh Visiting Professor, LIBA Linked in



Mr. Ankit Pansari CEO, OSlash Linked in



Mr. Vimal Thiagarajan Founder, BePositive Academy Linked in



Dr. Siyakumar R Head - Product Engineering, WABCO **Linked in**



Ms. Vinisha Umashankar Innovator



Mr. Navin Kumar Selvarai Passionate Serial Entrepreneur Linked in



Dr. Sudeendra Koushik Innovation Director Linked in



Mr. Tamizh Inian Founder, Frigate®
Linked in

For details contact

Dr. E Vijayaragavan | Coordinator - CLASS, SRM IST, Kattankulathur, class@srmist.edu.in | +91 9884214710

Knowledge Partner SCHOOL OF DESIGN THINKING

Follow us @ Linked in

APRIL 2021



DEPARTMENT OFMECHANICAL ENGINEERING AND CENTRE FOR LEAN AND SIX SIGMA



presents

Alumni Talk

on

"Strength of Materials and its applications in Aerospace"

Date & Time:

19 APRIL 2021 (MONDAY) 09 TO 11 AM

SPEAKER

MR. HARIKRISHNA RAMANAN, SENIOR PROJECT MANAGER -TATA CONSULTANCY SERVICES, TOKYO, JAPAN

(B.Tech MechanicalEngineering , 2004-08)

Experienced and certified Project Manager with a demonstrated history of working in the information technology and services industry. Skilled in Requirements Analysis, CATIA, Stress analysis by hand calculation, Project initiation, Project Planning, Project expansion, Project Management, negotiations, business analysis and Team Management. Strong program and





ALUMNI TALK ON THE TOPIC **"CAMPUS TO CORPORATE, ARE YOU READY?" SURUTHI R.D,** Alumni (2014-2018, Mechanical **Engineering)**

ID: 984 5646 9132 Passcode: 027908

Zoom Meeting







Strategist - Dwaraka Engineerings **Toastmater** Past - Assistant Manager, Hyundai Motors

28 February 2021, Sunday, 04 to 05 PM IST



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY Kattankulathur 603 203, Tamil Nadu. COLLEGE OF ENGINEERING AND TECHNOLOGY





Department of Mechanical Engineering

Design Division

&

Centre for Lean And Six Sigma (CLASS)

in association with

MSME Technology Development Centre, Agra

Organize a five days online workshop on

"Recent Trends in Mechanics and its Applications"

01st to 05th March 2021

Time: 10:00 to 11:30 AM IST and 02:00 to 03:30 PM IST

No Registration fees Certificate from MSME, Gol

Target participants:

Students, Graduates, Practitioners, Researchers and faculty in Mechanical, Automobile, Aerospace, Biomedical Engineering

Takeaways:

- Introduction to mechanics and its classification
- Insights to Solid mechanics, Fluid mechanics, Quantum mechanics, Biomechanics, Sports mechanics
- > Exposure to real time industrial case studies
- Interaction with peers from industry, academia and Research establishments

Speakers:

- 1. Dr. Mohan Ranganathan, Professor Emeritus, University of Tours, France.
- 2. <u>Dr. Shantanu Patil</u>, Associate Director, SRM Innovation Incubation & Entrepreneurship Centre, SRM IST.
- 3. Dr. M. Piramanandhan, R&D Manager, ESAB, Chennai.
- 4. Dr. Magesh Varadaraju, Head CAD Lab, SRM IST.
- 5. Dr. S. Karuppudaiyan, Head RPT Lab, SRM IST.
- 6. Mr. Sharath S Sharathi, Mechanical Engineering Design Specialist, McLanahan Corporation, USA.
- 7. Mr. Tamizh Inian, Founder Frigate & CAE Engineer Tectorq, Tiruchirappalli.
- 8. Mr. Koteeshwaran Krishnamoorthi, ETCL Engineer IV, Schlumberger, Coimbatore.
- 9. Mr. Kavin Alagesan, Engineer Rehabilitation, CMC Vellore.
- 10. Mr. Arumuga Pandian D, Deputy Team Leader, Centre of Excellence Simulation, GEEDS Chennai, Valeo India.
- 11. Mr. Mahesh Babu, Team Leader, Centre of Excellence Simulation, GEEDS Chennai, Valeo India.

Register yourself at https://www.linkedin.com/events/onlineworkshopon-recenttrendsin6764183558341951488/



Organizing Team:

Dr. M CHERALATHAN, Professor & Head, Department of Mechanical Engineering,

Dr. P NANDAKUMAR, Head - Design Division, Department of Mechanical Engineering,

Dr. E VIJAYARAGAVAN, Convener, Assistant Professor, +91 988 421 4710, Vijayare@srmist.edu.in

Mr. D RAJA, Co-Convener, Assistant Professor, +91 984 161 4330, rajad@srmist.edu.in

Mr. S BALAMURUGAN, Co-Convener, Assistant Professor, +91 962 666 6110, balamurs3@srmist.edu.in SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

GST Road, Potheri, Kattankulathur, Tamil Nadu - 603203, India., https://www.srmist.edu.in/